



Natural wood-wool
boards **for walls
and ceilings**

FIBRO-KUSTIK



SOPREMA



INSTALLATION GUIDE FOR FIBRO-KUSTIK CEILING



Fibro-Kustik solutions are decorative and acoustic ceiling tiles based on wood wool (SOLO range) and mineral wool (DUO and TRIO ranges) for use in interior spaces.

Please handle **Fibro-Kustik** tiles with precaution, taking special care to protect edges. We recommend working with protective gloves and clean tools so as not to damage the tiles.

Wood is a natural product and we can observe slight variations in colour from panel to panel, which is neither a defect nor a problem quality.

On wall mounting, SOPREMA recommends that FIBRO-KUSTIK tiles wall starts from 1.80 m above the floor to avoid any damage.

A

Demountable, inlay mounting system:
SEINLAY

Implementation of a suspended ceiling removable on the right edge is carried out on a visible framework T24/T35.

B

Demountable, inlay mounting system:
RAB K5

Implementation of a suspended ceiling can be dismantled with a chamfered edge on a visible framework T24.

C

Demountable, concealed system:
EB5DEM

Implementation of a suspended ceiling removable with a chamfered edge is carried out on a hidden framework T35. For a good implementation, the ceiling tiles are mounted on a carrier system with a 600 mm center distance) completed by spacers, for more information please refer to standard EN 13964.

D

Non-demountable, mechanically fixed system:
K5

Implementation of a non-removable suspended ceiling chamfered edge with fixing visible is achieved by the mechanical screwing of acoustic screws. Depending on the mounting bracket, we recommend the use of:
· EVDF screws for mechanical fixing on wood or metal structure.
· DDS screws for mechanical fixing to concrete structure.

E

Non-demountable, concealed system:
EB5N

Implementation of non-demountable suspended ceiling with a Notch on two sides and beveled edge on 4 visible sides is carried out on a hidden framework T35. For a good implementation, the ceiling tiles are mounted on a carrier system with a 600 mm center distance) completed by spacers, for more information please refer to standard EN 13964.

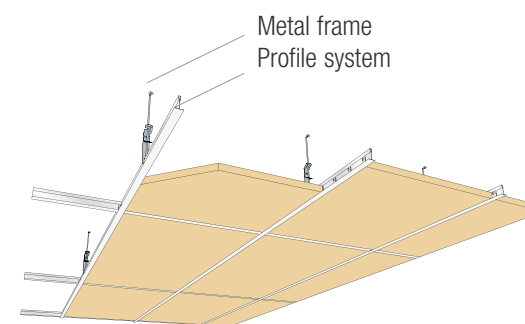


INLAY MOUNTING

Various frame systems can be used for the inlay mounting.

A

B

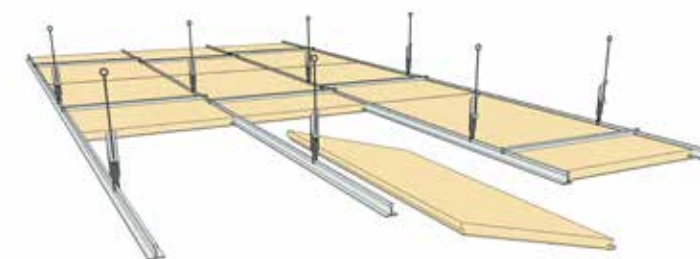


Example:
Fibro-Kustik tiles 1200 x 600 mm. with straight edges.
Fixing installation with visible profile.

CONCEALED MOUNTING

T35 frame system used for concealed mounting.

C

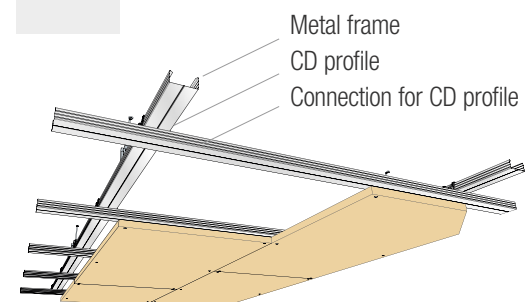


Example:
Fibro-Kustik tiles 1200 x 615 mm. with notch and rabbet on two sides and beveled edge on 4 visible sides.
Fixing installation with invisible profile.

DIRECT MOUNTING

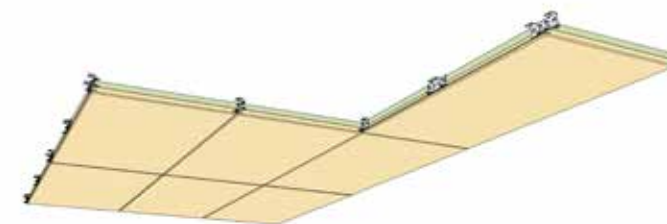
Fibro-Kustik tiles can be screwed directly to the metal or wood frame.

D

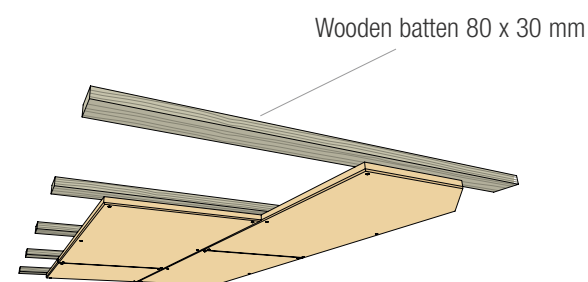


Example:
Fibro-Kustik tiles 1200 x 600 mm with straight edges.
Directly screwed on a metal frame (CD profile type).

E



Example:
Fibro-Kustik tiles 1200 x 600 mm with notch on two sides and beveled edge on 4 visible sides.
Fixing installation with invisible claws.



Example:
Fibro-Kustik tiles 1200 x 600 mm with chamfered edges.
Screwed directly onto a wooden batten 80 x 30 mm.



ANCILLARIES

Acoustic tiles can be mounted directly on metal frames traditional with CD type profiles or fixed to the wooden structure with fast fixing screws anti-rust treated. **Soprema** offers white or light beige coloured screws, adapted to natural or white colored tiles. Moreover, **Fibro-Kustik** tiles can be inserted in suspended ceiling standard frames.

EVDF SCREWS

Quick-fit screws with rust protection for fixing panels to a wooden structure.

Board thickness	Screw length	Colours	Screws / box
15 mm	45 mm	Light beige White	100 units
25 mm	45 mm		
35 mm	65 mm		



DDS SCREWS

Rust-protected steel screw with special thread. For direct fixing to **Fibro-Kustik DUO** tiles on concrete support. Ø 6 mm drilling and a Ø 25 mm head.

Board thickness	Screw length	Colours	Screws / box
50 mm	75 mm	Light beige White	100 units
75 mm	100 mm		
100 mm	125 mm		
125 mm	150 mm		
150 mm	175 mm		



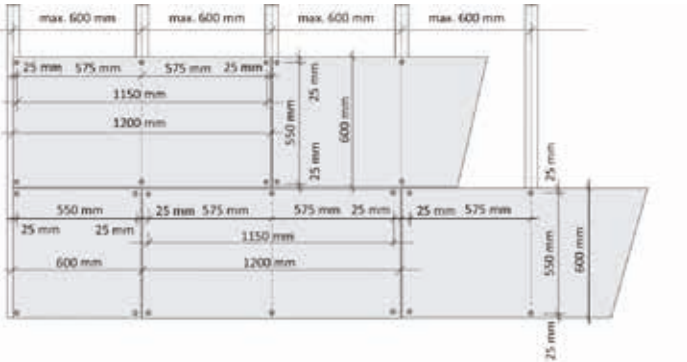
Mechanical fixing recommendations with EVDF / DDS screw

SCREWING IN STEPS OF:

- 600 mm for 1200 mm panels length.
- 500 mm for 2000 mm panels length.

NUMBER OF SCREWS PER PANEL:

- Min. 8 screws per 2000 x 600 panel.
- Min. 6 screws per panel of 1200 x 600.



SUMMARY TABLE

System	Fixation	Edge type	Code	Edge design	Board Formats (mm)		
					Th.15	Th.25	Th.35
Demountable	Inlay Mounting T24/T35	Straight Edge	SEINLAY		600 x 600 1200 x 600		
		Rabbet edges on 2 sides, beveled edges on all 4 visible sides	RAB K5			Over T24 600 x 600 1200 x 600	
	Concealed mounting T35	Notch and rabbet on two sides and beveled edge on 4 visible sides	EB5DEM				600 x 615 1200 x 615
Non demountable	Directly Mounted Screws EVDF/ DDS	Small Beveled Edges	K5		1200 x 600 2000 x 600		
	Concealed mounting	Notch on two sides and beveled edge on 4 visible sides	EB5N				1200 x 600 2000 x 600

FIBRO-KUSTIK SOLO



SUMMARY TABLE

FIBRO-KUSTIK DUO

System	Fixation	Edge type	Code	Edge design	Board Formats (mm)				
					Th.50	Th.75	Th.100	Th.125	Th.150
Non demountable	Directly Mounted Screws EVDF/ DDS	Small Beveled Edges	K5		1200 x 600				
					2000 x 600				
	Concealed mounting T35 or claws	Notch on two sides and beveled edge on 4 visible sides	EB5N		1200 x 600				
					2000 x 600				

FIBRO-KUSTIK TRIO

System	Fixation	Edge type	Code	Edge design	Board Formats (mm)	
					Th.35	Th.50
Demountable	Inlay Mounting T24/T35	Straight Edge	SEINLAY		1200 x 600 2000 x 600	
	Concealed mounting T35	Notch and rabbet on two sides and beveled edge on 4 visible sides	EB5DEM		1200 x 600 2000 x 600	
Non demountable	Directly Mounted Screws EVDF/ DDS	Small Beveled Edges	K5		1200 x 600 2000 x 600	



SOPREMA at your service:

Do you have a question about a specific project, the products or application possibilities? Then contact our technical team.

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